

Wellamid® 22LHI4 XE-GY1

Polyamide 66
Wellman Engineering Resins

Message:

Wellamid® 22LHI4 XE-GY1 is a Polyamide 66 (Nylon 66) material. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding. Primary attribute of Wellamid® 22LHI4 XE-GY1: Impact Modified.
Typical application of Wellamid® 22LHI4 XE-GY1: Automotive

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
Appearance	Grey		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 23°C	1.8 to 2.2	%	
Flow : 23°C	1.7 to 2.5	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	55.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	35	%	ISO 527-2
Flexural Modulus (23°C)	2100	MPa	ISO 178
Flexural Stress (23°C)	65.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	17	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	55.0	°C	ISO 75-2/A
Melting Temperature	260	°C	ISO 3146

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Recommended distributors for this material

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